

**Notice of Allowability**

Application No.

10/625,225

Applicant(s)

FORRER ET AL.

Examiner

Art Unit

Jordan M. Schwartz

2873

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment received 12/16/04.
2. ☒ The allowed claim(s) is/are 1-12, 14, 16-19, 21-24 and 26-42.
3. ☒ The drawings filed on 23 July 2003 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)                       |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance.             |
|   | 9. <input type="checkbox"/> Other _____.  |

Allowed Claims: 1-12, 14, 16-19, 21-24, 26-42.

***Examiner's Amendment/Reasons for Allowance/Examiner's Comments***

**Examiner's Amendment**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with William C. Gehris on March 10, 2005.

The application has been amended as follows:

1. Claim 12, line 1, after "wherein" insert –the light sources are individually addressable lasers and--;
2. Claim 36, line 1, delete "claim 16" and insert therein –claim 32--.

**Reasons for Allowance**

The following is an examiner's statement of reasons for allowance: none of the prior art either alone or in combination disclose or teach of the claimed combination of limitations to warrant a rejection under 35 USC 102 or 103. Specifically, with reference to independent claims 1 and 24, none of the prior art either alone or in combination, disclose or teach of the claimed device for imaging a printing form or the claimed method for changing a relative position of an image spot with respect to a position of a printing form specifically including, as the distinguishing features in combination with the other limitations, the claimed macro-optical system as this term is defined within the

specification and the claimed neighboring image spots of the plurality of image spots of the light sources on the printing form having an equal distance "a" with "a" being a whole number multiple of a minimum printing dot spacing. Specifically, with reference to independent claim 11, none of the prior art either alone or in combination, disclose or teach of the claimed device for imaging a printing form specifically including, as the distinguishing features in combination with the other limitations, the claimed macro-optical system as this term is defined within the specification and the claimed micro-optical system producing a virtual intermediate image projected by the macro-optical system. Specifically, with reference to independent claim 14, none of the prior art either alone or in combination, disclose or teach of the claimed device for imaging a printing form specifically including, as the distinguishing features in combination with the other limitations, the claimed macro-optical system as this term is defined within the specification and the light deflecting element that is being coupled into the macro-optical system as claimed as being a Porro prism. Specifically, with reference to independent claims 16 and 42, none of the prior art either alone or in combination, disclose or teach of the claimed device for imaging a printing form or the claimed method for changing a relative position of an image spot with respect to a position of a printing form specifically including, as the distinguishing features in combination with the other limitations, the claimed macro-optical system as this term is defined within the specification and the macro-optical system as telecentric on both sides.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

#### Examiner's Comments

For applicant's information, the examiner's statements in the prior office action that the 119 priority was not granted due to a discrepancy between the document number of the certified copy provided and the document number of the claimed priority is withdrawn based upon applicants explanation provided. The 119 priority is therefore proper and has been granted.

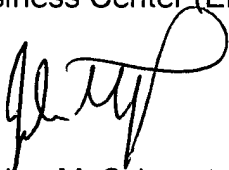
For applicant's further information, the 112 rejection set forth in the prior office action concerning the meaning of the term "macro-optical system" is withdrawn based upon applicant's amendment which provides a special definition of this term within the specification.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jordan M. Schwartz whose telephone number is (571) 272-2337. The examiner can normally be reached on Monday to Friday from 8:00 to 4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Georgia Y. Epps can be reached at (571) 272-2328. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'J. Schwartz', with a large, stylized loop at the end.

Jordan M. Schwartz  
Primary Examiner  
Art Unit 2873  
March 10, 2005